



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov



CONFIRMATION NO. 5817

Bib Data Sheet

SERIAL NUMBER 10/532,524	FILING OR 371(c) DATE 04/25/2005 RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. PD-201033
-----------------------------	--	--------------	------------------------	-------------------------------------

APPLICANTS

Ernest C Chen, San Pedro, CA;
 Jeng-Hong Chen, Temple, CA;
 Kenneth Shum, Toronto, CANADA;
 Joungheon Oh, Los Angelos, CA;

**** CONTINUING DATA *******

This application is a 371 of PCT/US03/31199 10/03/2003
 which claims benefit of 60/421,332 10/25/2002

**** FOREIGN APPLICATIONS *******

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 7	TOTAL CLAIMS 28	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

ADDRESS

Georgann S Grunebach
 The Directv Group Inc
 Re R11 A109
 Post Office Box 956
 El Segundo, CA 90245

TITLE

Amplitude and phase matching for layered modulation reception

FILING FEE RECEIVED 900	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---